

COVID-19 and Youth in Maine

March 12, 2020 - January 24, 2022

Total Number of Confirmed and Probable COVID-19 Cases Among Youth and Young Adults Age < 25:

57,651

Total Number of Confirmed and Probable COVID-19 Cases Among Mainers of All Age Groups:

173,505

Total Number of Cases by Age Group

0-4	7,784
5-9	10,141
10-14	11,184
15-19	13,289
20-24	15,253
25+	115,854

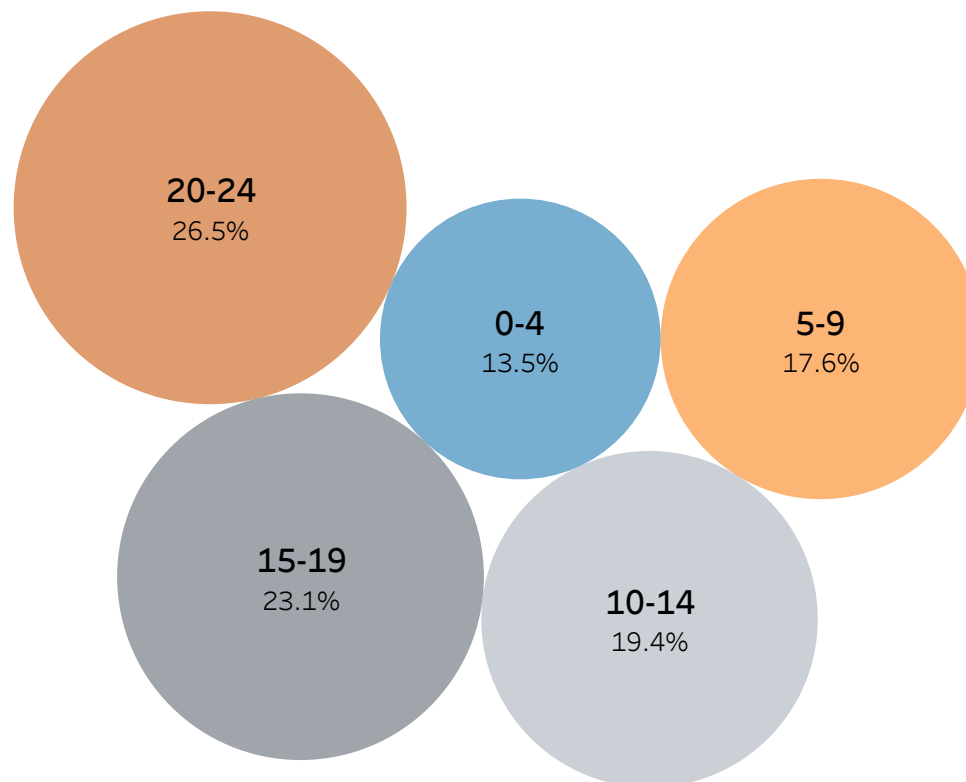
Percent of Total Cases
Age < 25:

33.2%

Percent of Total Cases
Age ≤ 18:

22.7%

Percent of Total Confirmed and Probable Youth Cases by Age Group



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**Data includes positive test results from labs which are supplemented by information collected by case investigators. These are preliminary data that are subject to change.

Caption

Age group and % of Total Count of COVID-19 cases. Color shows details about age group. Size shows % of Total Count of COVID-19 cases. The marks are labeled by age group and % of Total Count of COVID-19 cases. The view is filtered on age group, which excludes 25+.

Hospitalizations in Youth COVID-19 Cases*

March 12, 2020 - January 24, 2022

Cumulative Number of Hospitalizations Under Age 25:

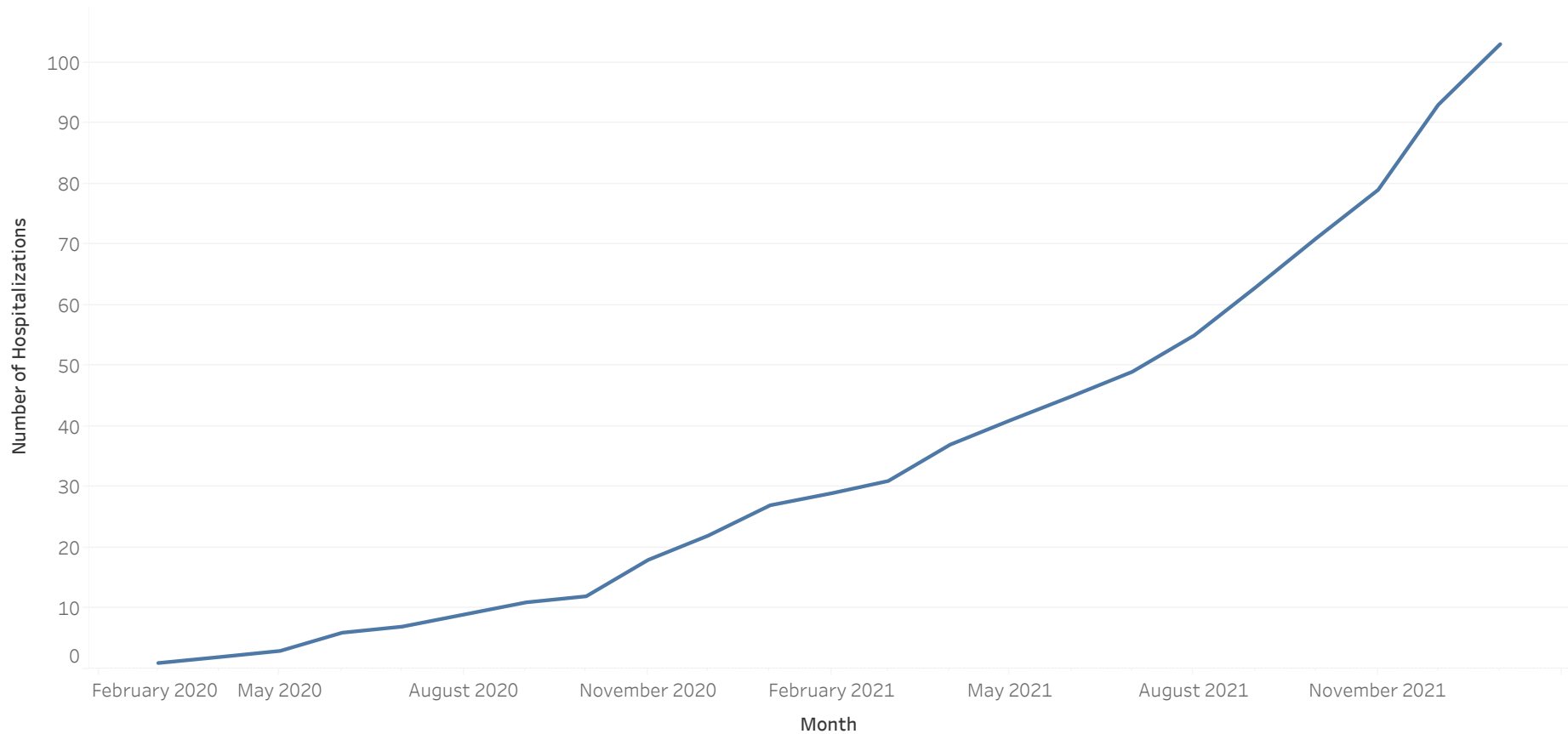
103

Age Breakdown of Hospitalized Youth Cases:

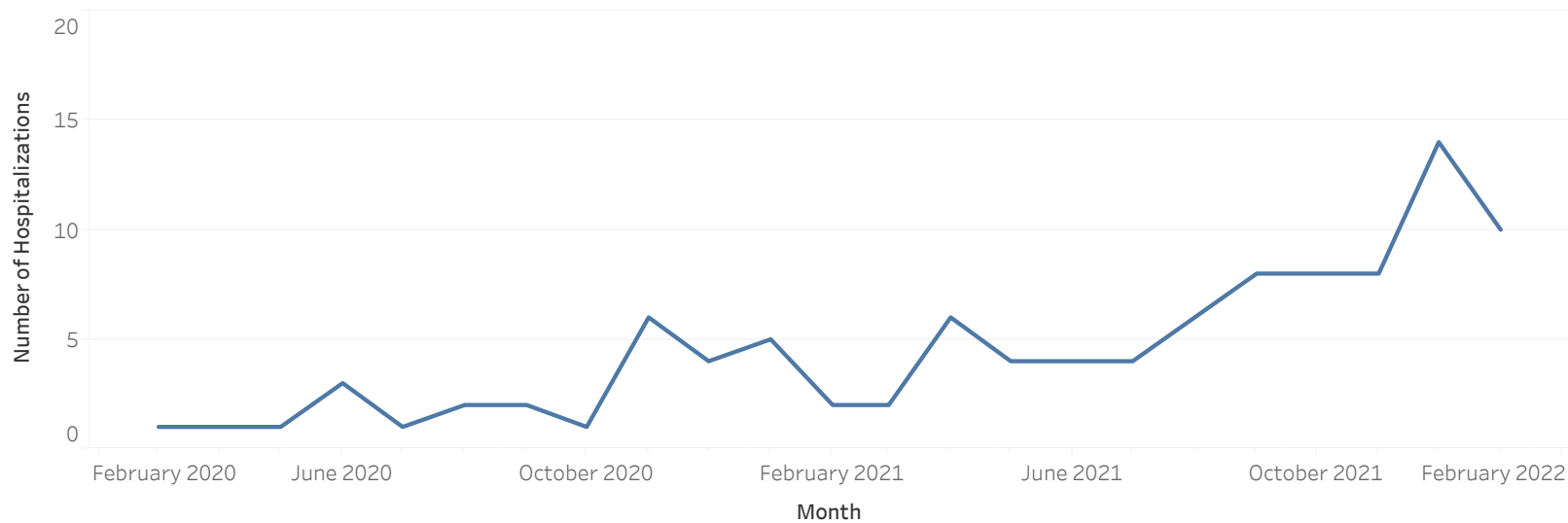
0-4	38.8%
5-9	5.8%
10-14	6.8%
15-19	20.4%
20-24	28.2%

*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

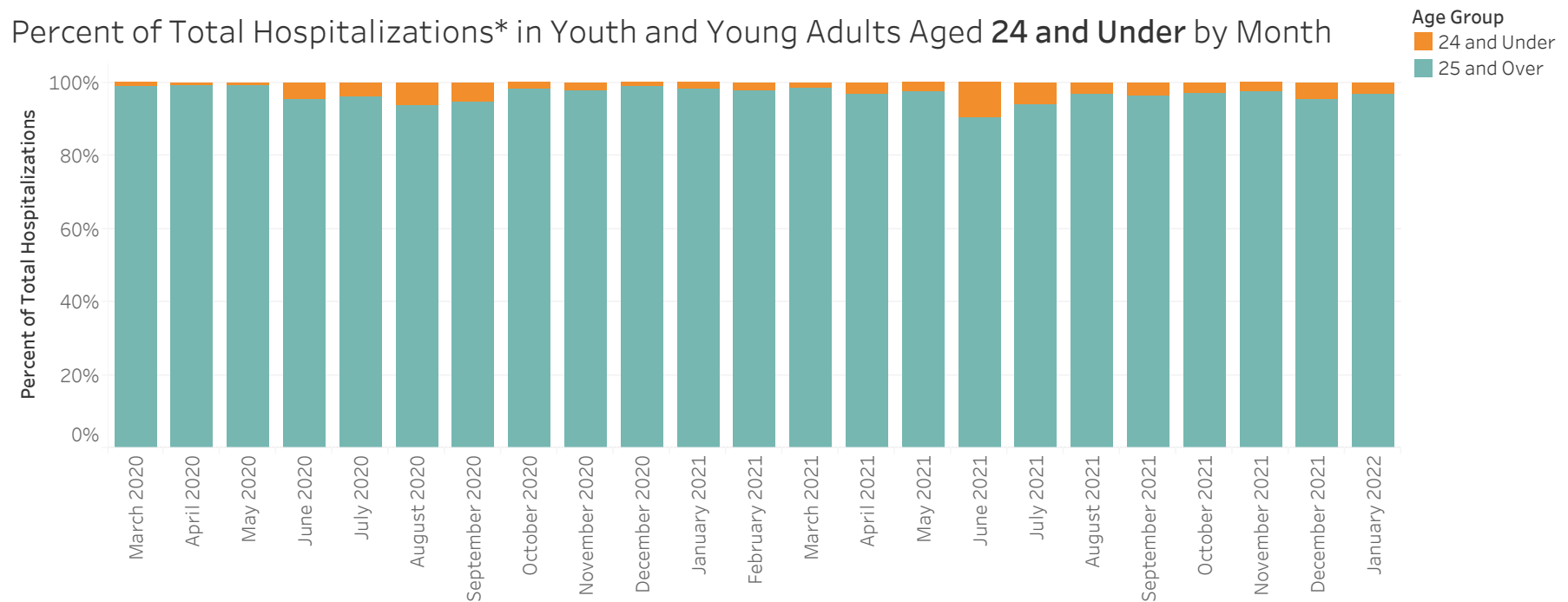
Cumulative Number of Hospitalizations in Youth and Young Adults Aged **24 and Under** Over Time



Number of Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

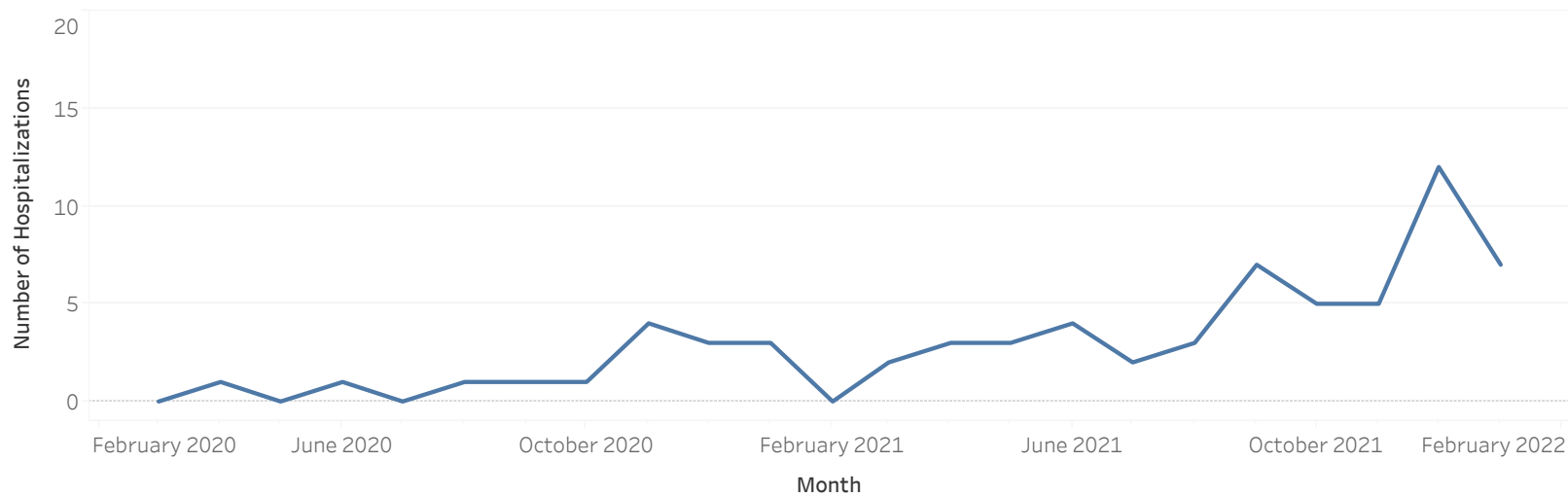


Percent of Total Hospitalizations* in Youth and Young Adults Aged **24 and Under** by Month

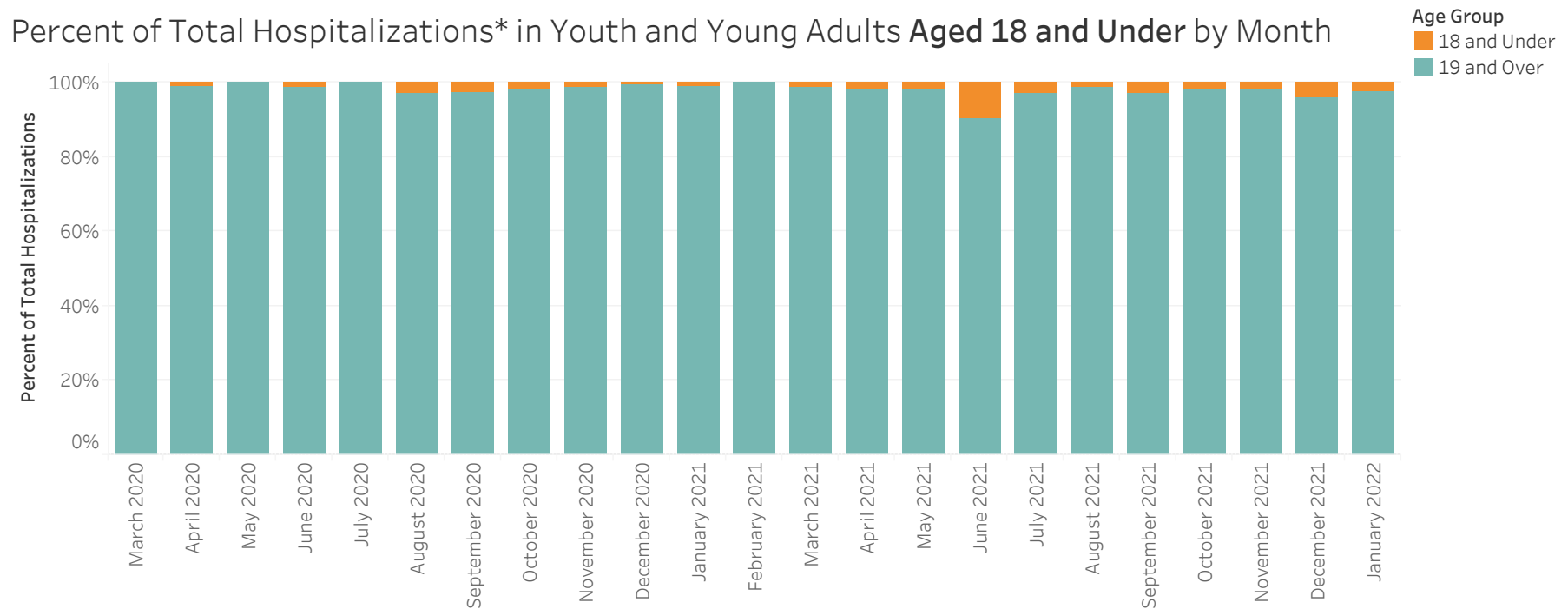


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

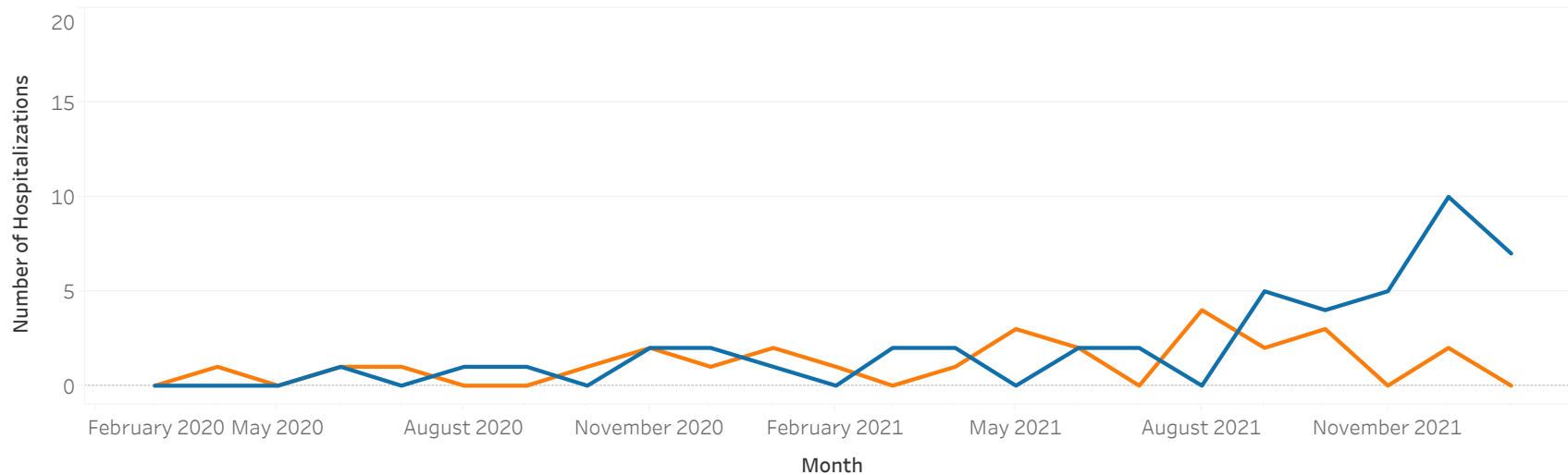


Percent of Total Hospitalizations* in Youth and Young Adults Aged **18 and Under** by Month

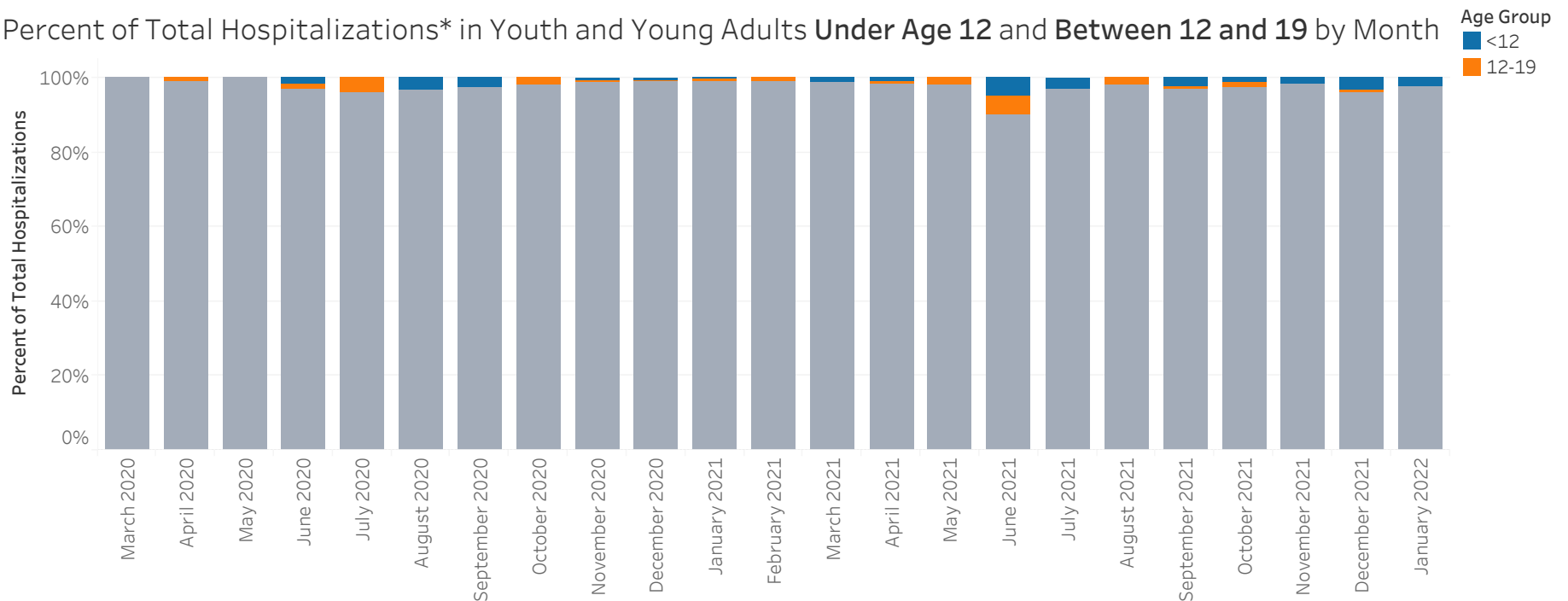


*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Number of Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



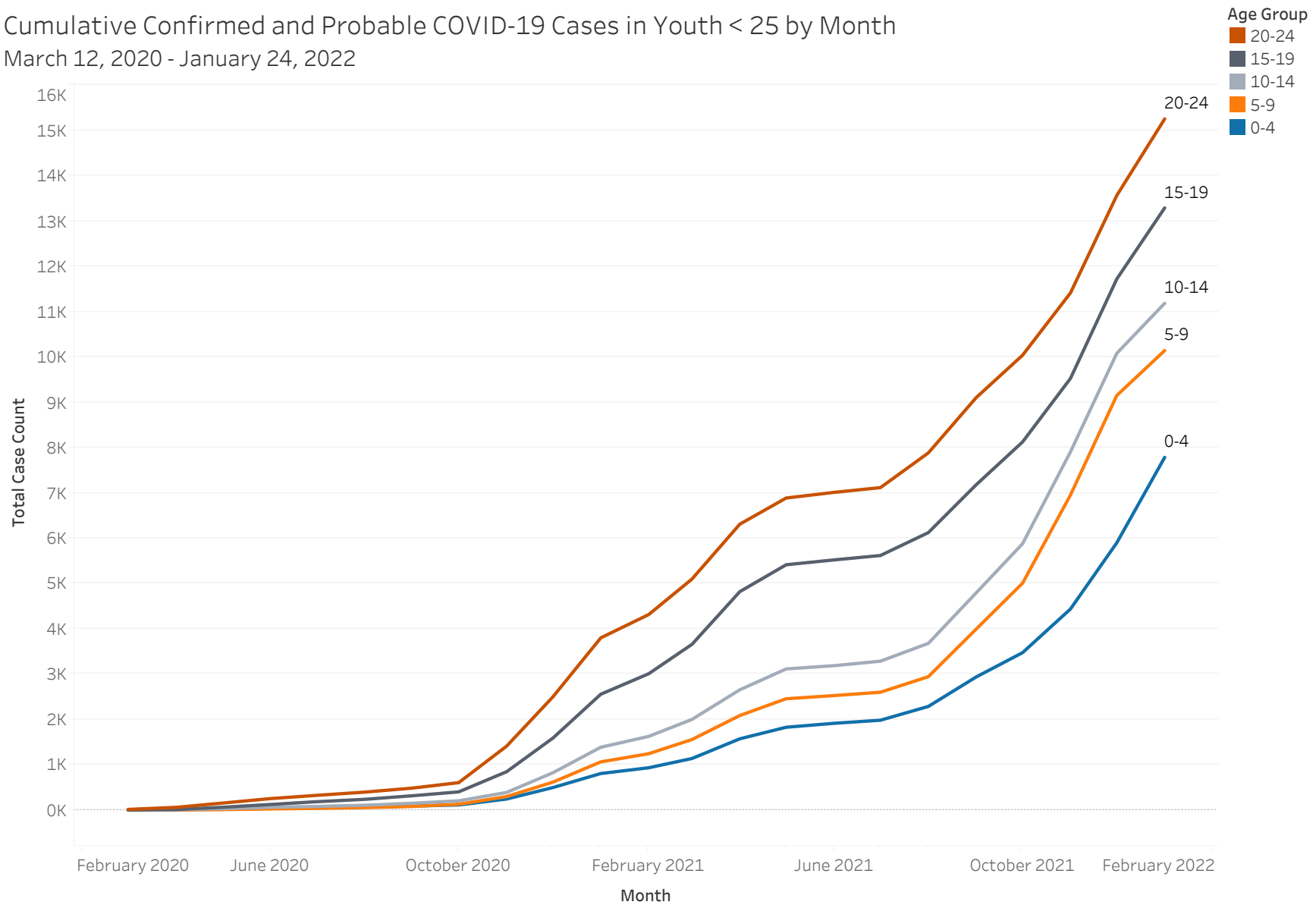
Percent of Total Hospitalizations* in Youth and Young Adults **Under Age 12** and **Between 12 and 19** by Month



*Maine CDC identifies hospitalizations through the Ask on Order Entry (AOE) questions and through case investigation. During surge periods Maine CDC only investigates a small proportion of the cases reported to us. If a patient was not eligible for investigation, and hospitalization was not indicated on the AOE, or AOE's were not complete they are not included in the analysis. Therefore, this analysis represents true hospitalizations, but likely not all hospitalizations.

Cumulative Confirmed and Probable COVID-19 Cases in Youth < 25 by Month

March 12, 2020 - January 24, 2022



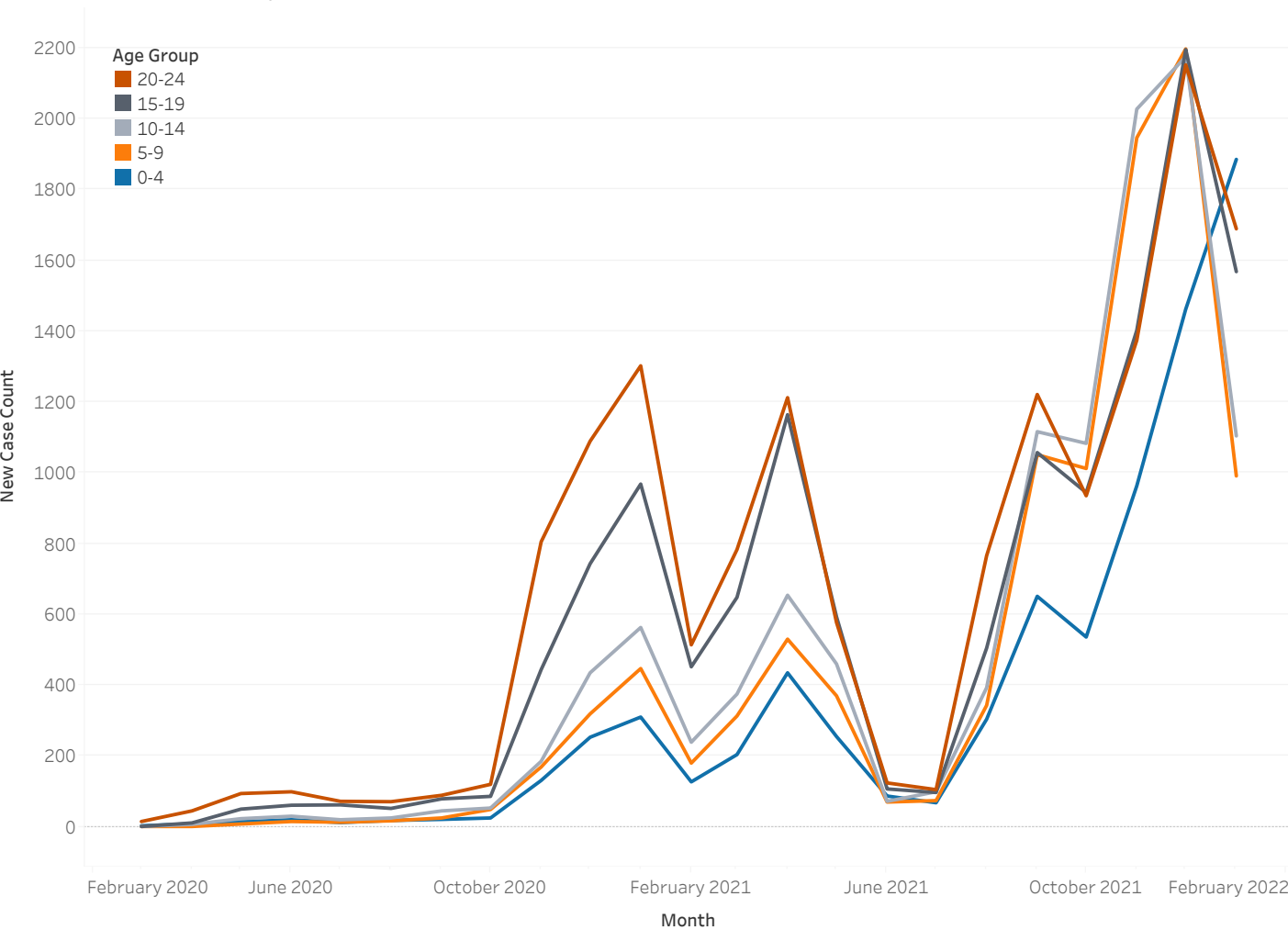
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Caption

The trend of running sum of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth < 25
March 12, 2020 - January 24, 2022

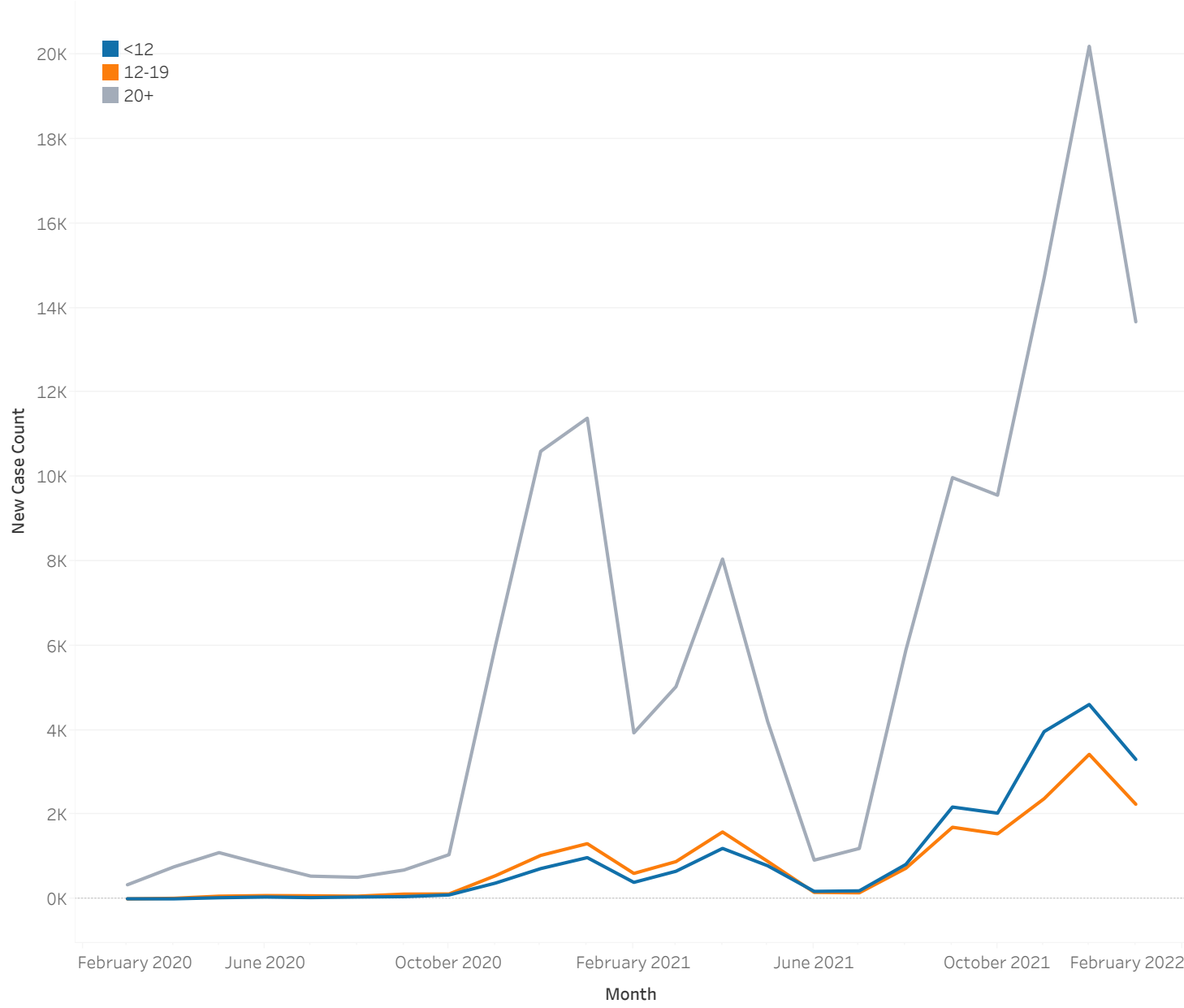


Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption
The trend of count of COVID-19 cases for date reported (month). Color shows details about age group. The view is filtered on Exclusions (age group 25+).

	0-4	5-9	10-14	15-19	20-24
March 2020	3	1	1	1	15
April 2020		1	7	11	45
May 2020	14	8	23	50	94
June 2020	20	15	30	61	99
July 2020	12	13	20	62	72
August 2020	18	17	25	52	71
September 2020	21	25	45	79	89
October 2020	25	49	53	86	120
November 2020	131	169	185	444	805
December 2020	253	319	435	743	1,089
January 2021	310	447	563	968	1,302
February 2021	127	180	239	452	514
March 2021	204	313	375	648	783
April 2021	435	530	654	1,164	1,212
May 2021	255	370	460	593	577
June 2021	87	70	72	107	124
July 2021	68	74	99	97	105
August 2021	304	343	393	505	766
September 2021	651	1,051	1,116	1,057	1,221
October 2021	536	1,012	1,083	944	935
November 2021	963	1,946	2,027	1,402	1,374
December 2021	1,462	2,197	2,175	2,195	2,152
January 2022	1,885	991	1,104	1,568	1,689

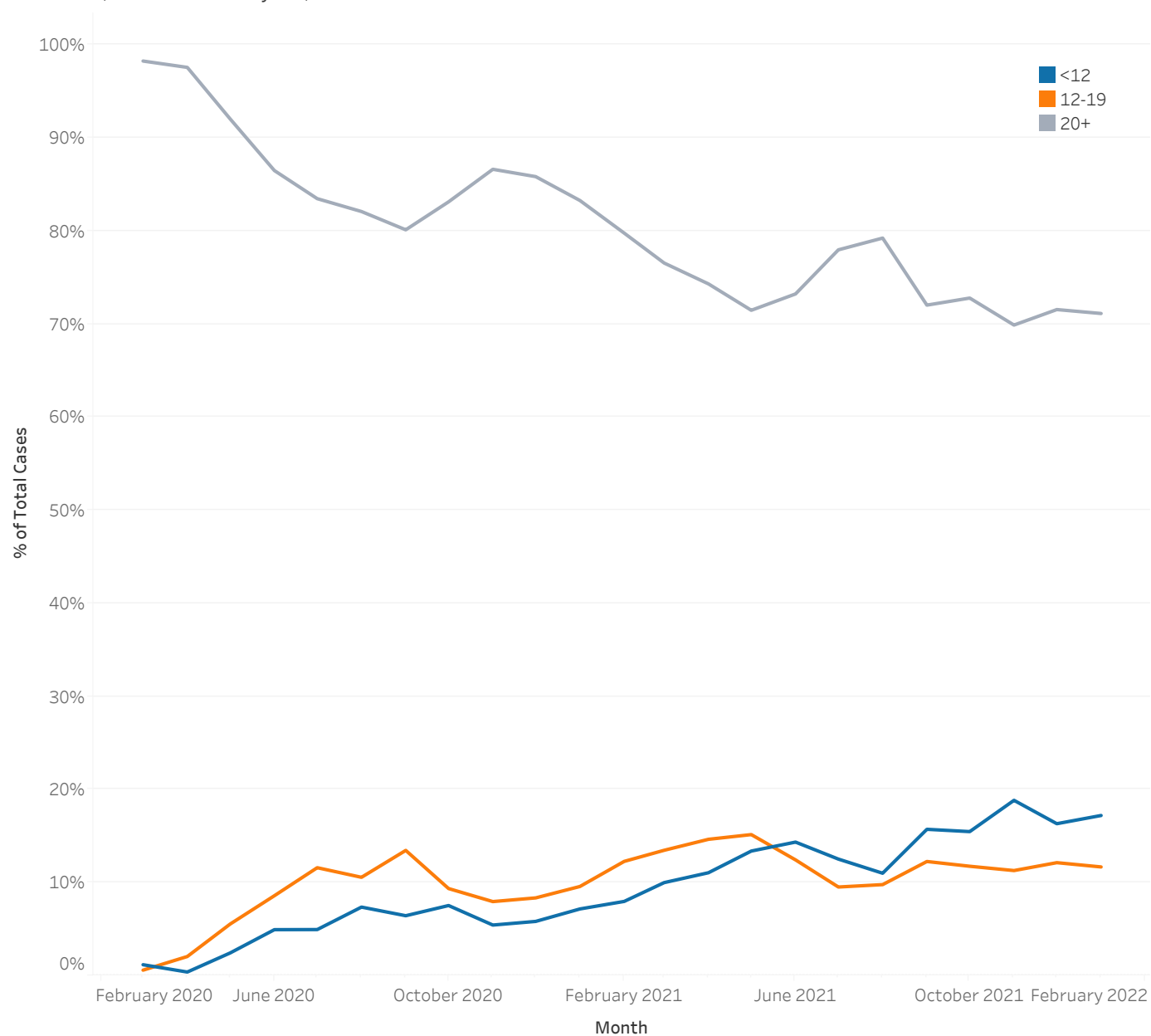
Number of New Confirmed and Probable COVID-19 Cases Each Month in Youth <12
March 12, 2020 - January 24, 2022



	<12	12-19	20+
March 2020	4	2	336
April 2020	3	16	761
May 2020	29	66	1,097
June 2020	46	80	806
July 2020	32	75	540
August 2020	46	66	513
September 2020	55	115	685
October 2020	95	118	1,049
November 2020	377	552	6,013
December 2020	719	1,031	10,600
January 2021	979	1,309	11,383
February 2021	393	605	3,933
March 2021	656	884	5,026
April 2021	1,197	1,586	8,049
May 2021	787	891	4,204
June 2021	180	156	919
July 2021	192	146	1,196
August 2021	818	727	5,893
September 2021	2,177	1,698	9,977
October 2021	2,032	1,543	9,561
November 2021	3,963	2,375	14,708
December 2021	4,605	3,424	20,191
January 2022	3,305	2,243	13,667

*January 2022 includes data from January 1-24 only.

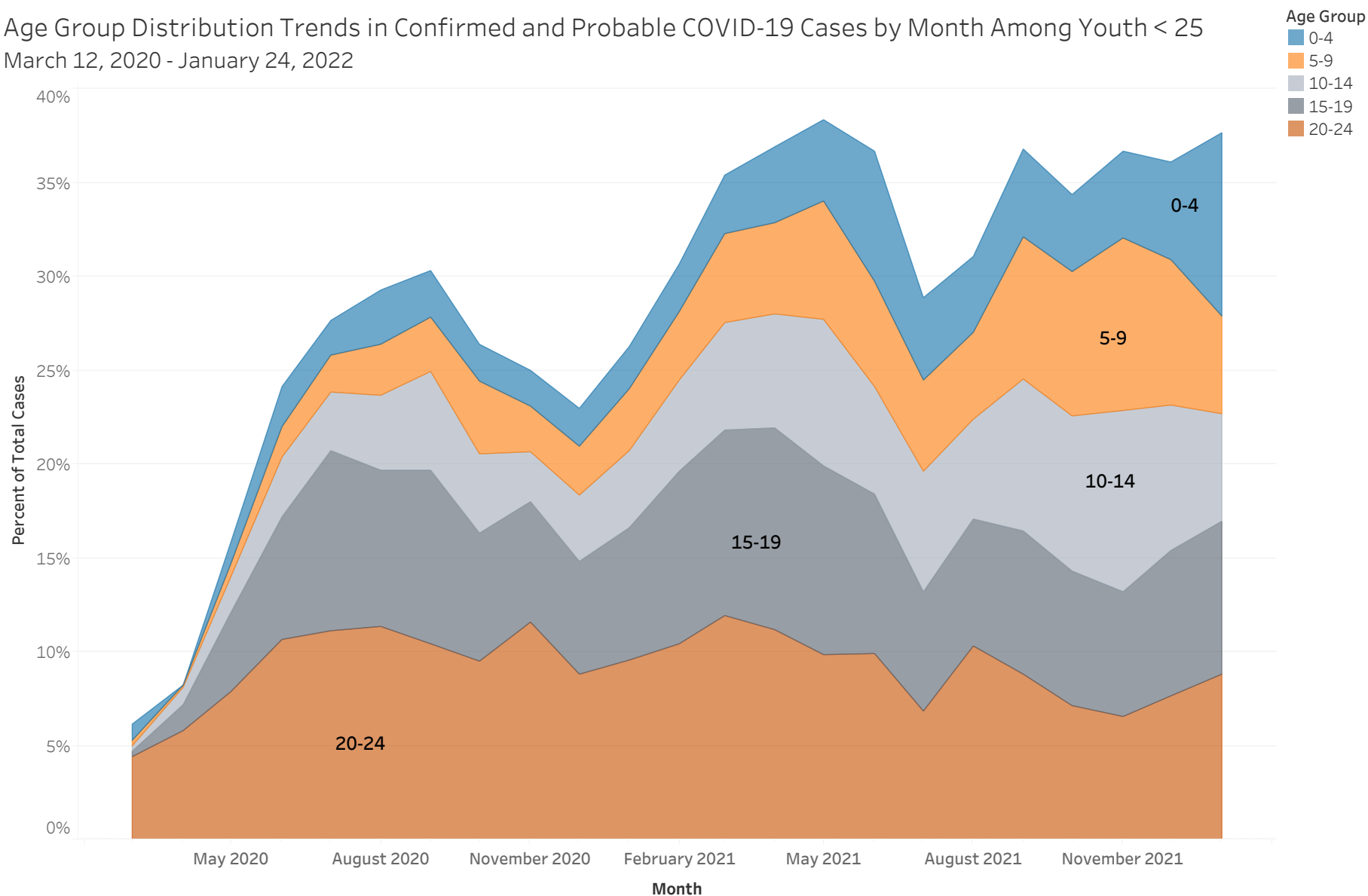
Percent of Total COVID-19 Cases in Youth <12 by Month
March 12, 2020 - January 24, 2022



	<12	12-19	20+
March 2020	1.17%	0.58%	98.25%
April 2020	0.38%	2.05%	97.56%
May 2020	2.43%	5.54%	92.03%
June 2020	4.94%	8.58%	86.48%
July 2020	4.95%	11.59%	83.46%
August 2020	7.36%	10.56%	82.08%
September 2020	6.43%	13.45%	80.12%
October 2020	7.53%	9.35%	83.12%
November 2020	5.43%	7.95%	86.62%
December 2020	5.82%	8.35%	85.83%
January 2021	7.16%	9.58%	83.26%
February 2021	7.97%	12.27%	79.76%
March 2021	9.99%	13.46%	76.55%
April 2021	11.05%	14.64%	74.31%
May 2021	13.38%	15.15%	71.47%
June 2021	14.34%	12.43%	73.23%
July 2021	12.52%	9.52%	77.97%
August 2021	11.00%	9.77%	79.23%
September 2021	15.72%	12.26%	72.03%
October 2021	15.47%	11.75%	72.78%
November 2021	18.83%	11.28%	69.89%
December 2021	16.32%	12.13%	71.55%
January 2022	17.20%	11.67%	71.13%

*January 2022 includes data from January 1-24 only.

Age Group Distribution Trends in Confirmed and Probable COVID-19 Cases by Month Among Youth < 25 March 12, 2020 - January 24, 2022



Click on an age group to highlight the corresponding stack on the graph.

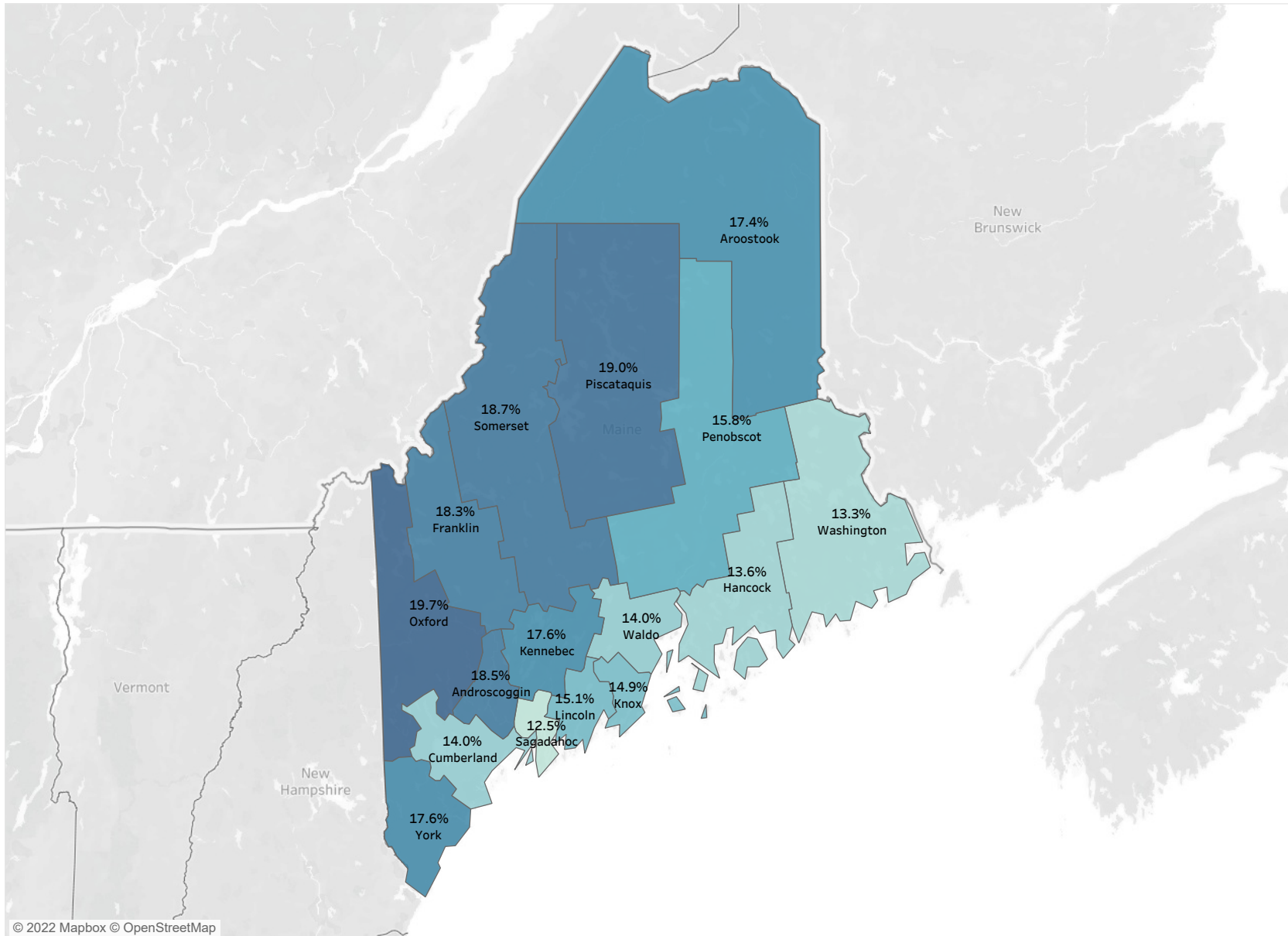
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption

The plot of % of Total Count of COVID-19 cases for date reported (month). Color shows details about age group. The data is filtered, hiding age group 25+.

Confirmed and Probable COVID-19 Youth <25 Case Rate by County

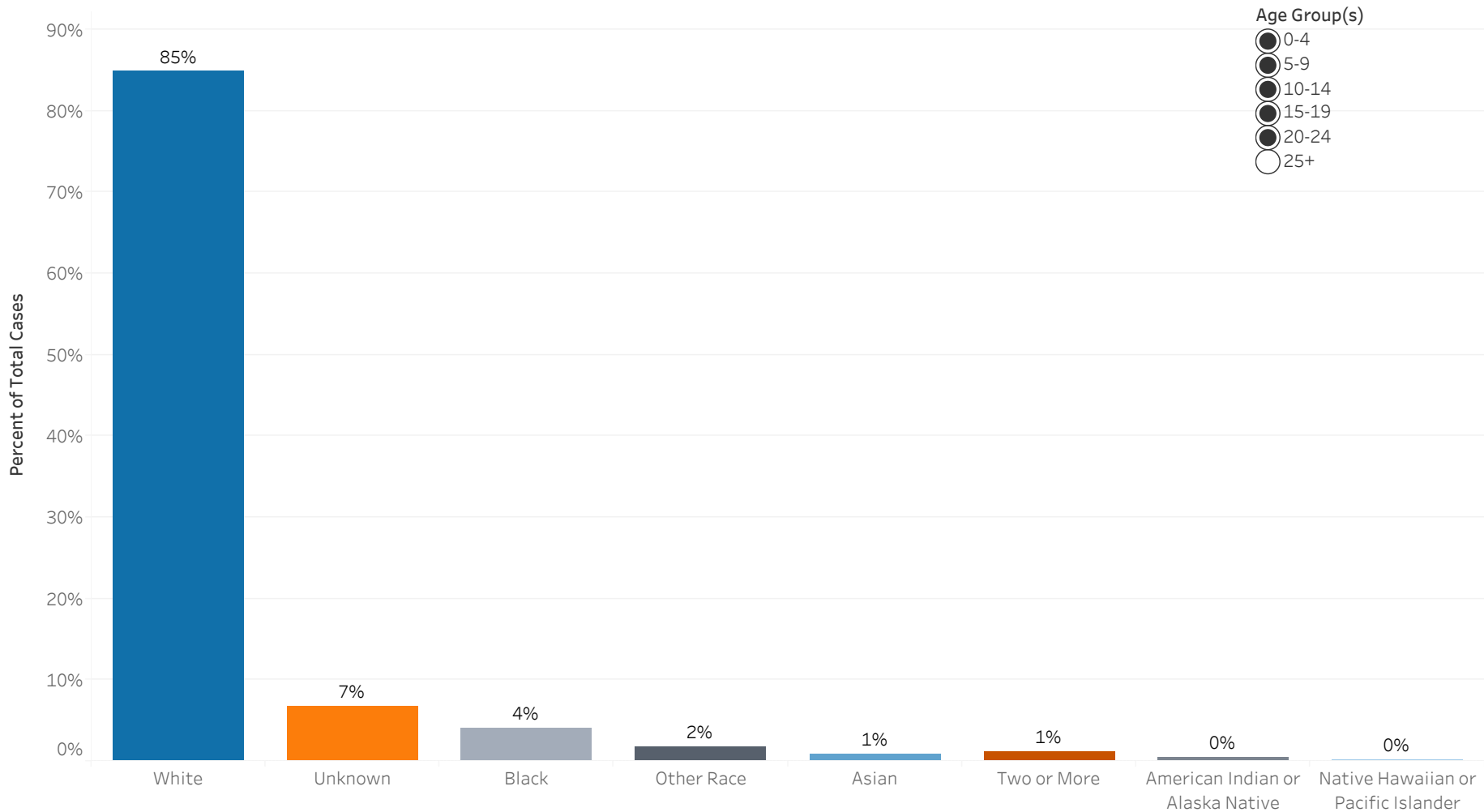
March 12, 2020 - January 24, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Race and Ethnicity of Confirmed and Probable COVID-19 Cases Among Youth < 25

March 12, 2020 - January 24, 2022

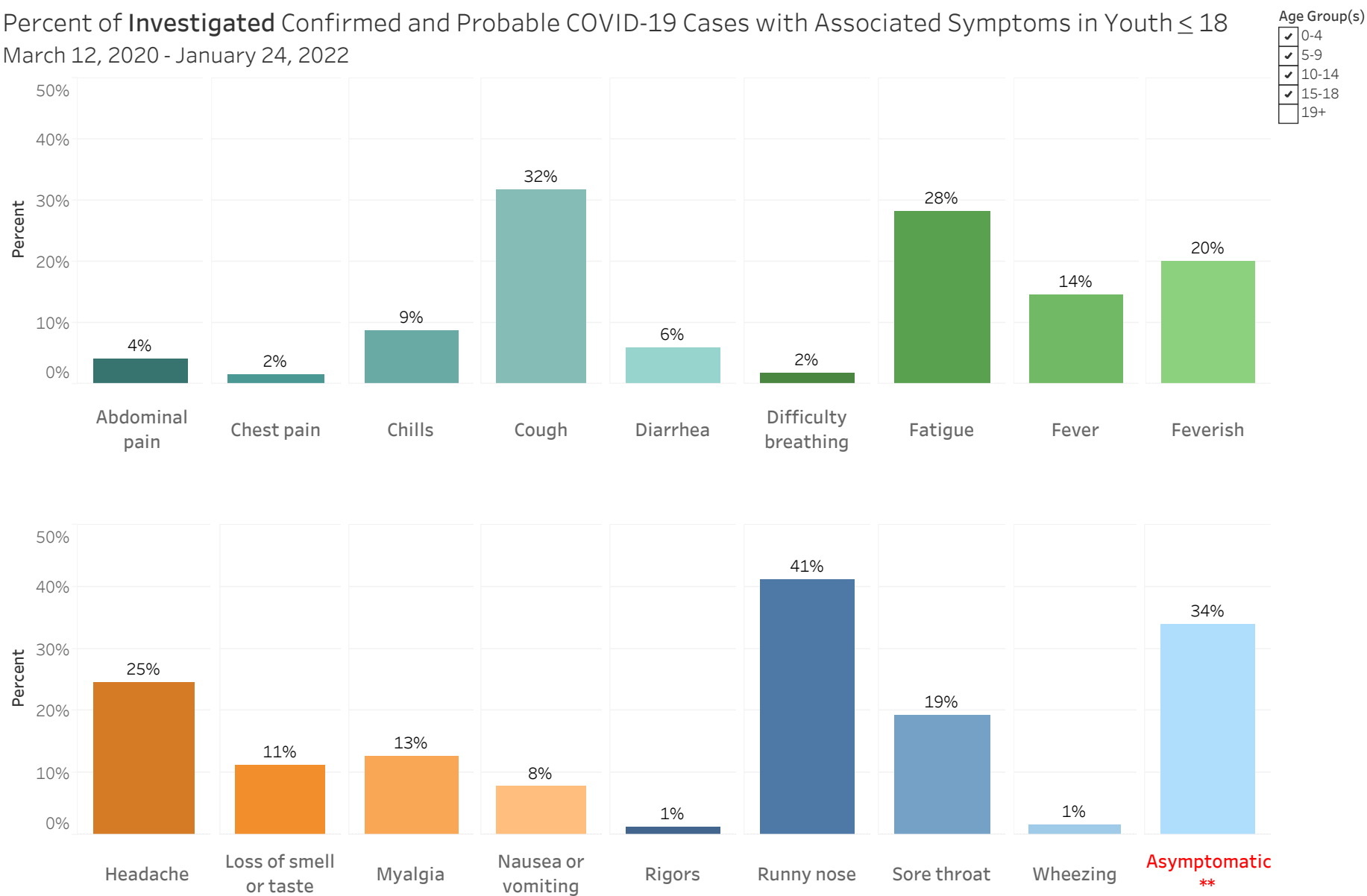


Case counts <6 have been suppressed.
Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*
*These are preliminary data that are subject to change.

Caption
% of Total Count of COVID-19 cases for each Race. The marks are labeled by % of Total Count of COVID-19 cases. The data is filtered on Age Group and Suppress. The Age Group filter keeps selected age group. The Suppress filter keeps case counts ≥6.

Patient Ethnicity Description	
Hispanic or Latino	2%
Not Hispanic or Latino	70%
unknown	28%

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms in Youth ≤ 18
March 12, 2020 - January 24, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

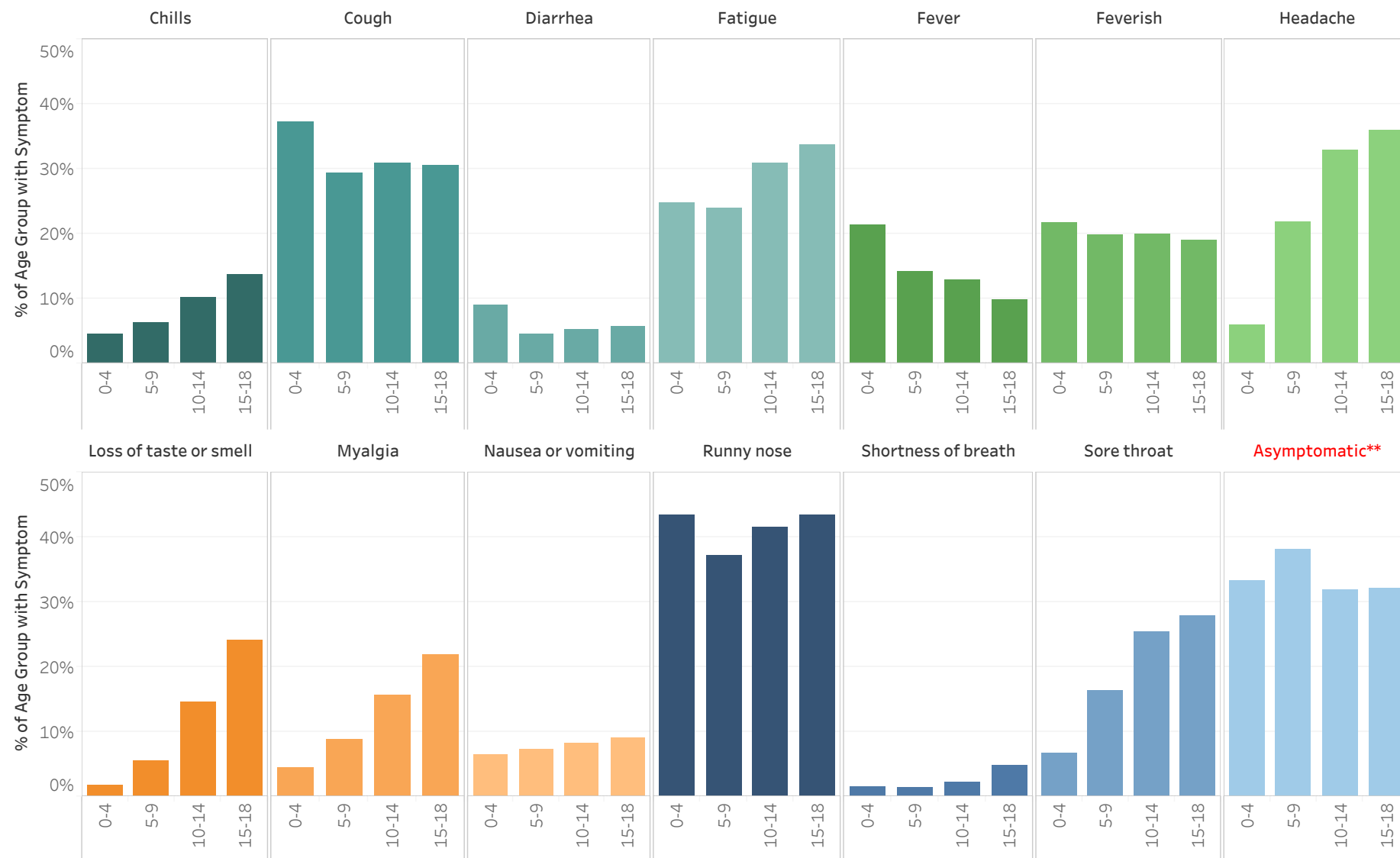
Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases for each symptom. The marks are labeled by % of Count of COVID-19 cases who experienced each symptom. The data is filtered on age group. The Age Group filter allows the user to select an age group.

Percent of **Investigated** Confirmed and Probable COVID-19 Cases with Associated Symptoms by Age Group ≤ 18

March 12, 2020 - January 24, 2022



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: % of Count of COVID-19 cases in each age group for each symptom.

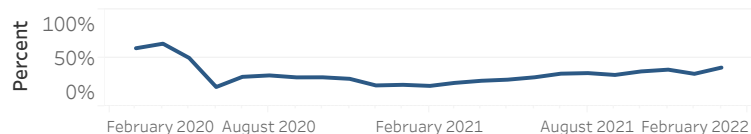
Symptom Trends in Investigated Confirmed and Probable COVID-19 Cases ≤ 18

March 12, 2020 - January 24, 2022

Age Group(s)

- ☒ 0-4
- ☒ 5-9
- ☒ 10-14
- ☒ 15-18
- ☐ 19+

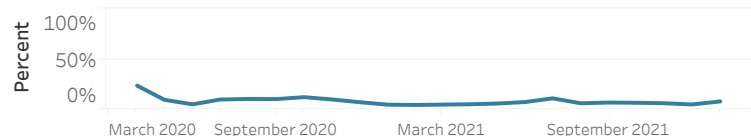
Cough



Myalgia



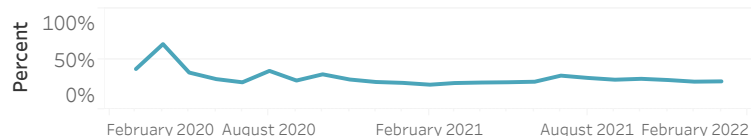
Diarrhea



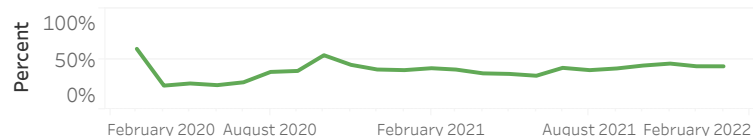
Nausea or Vomiting



Fatigue



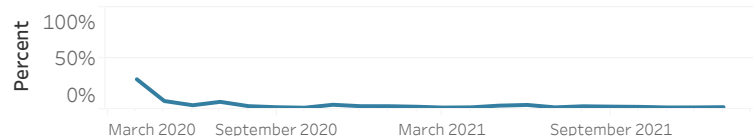
Runny Nose



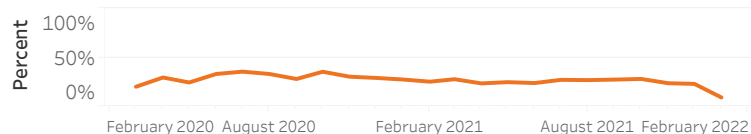
Fever



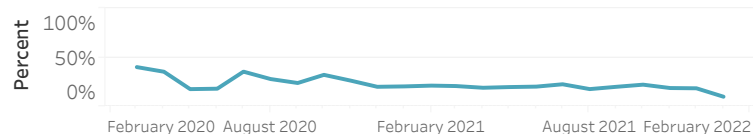
Shortness of Breath



Headache



Sore Throat



Loss of Taste or Smell



Asymptomatic**



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)*

*These are preliminary data that are subject to change.

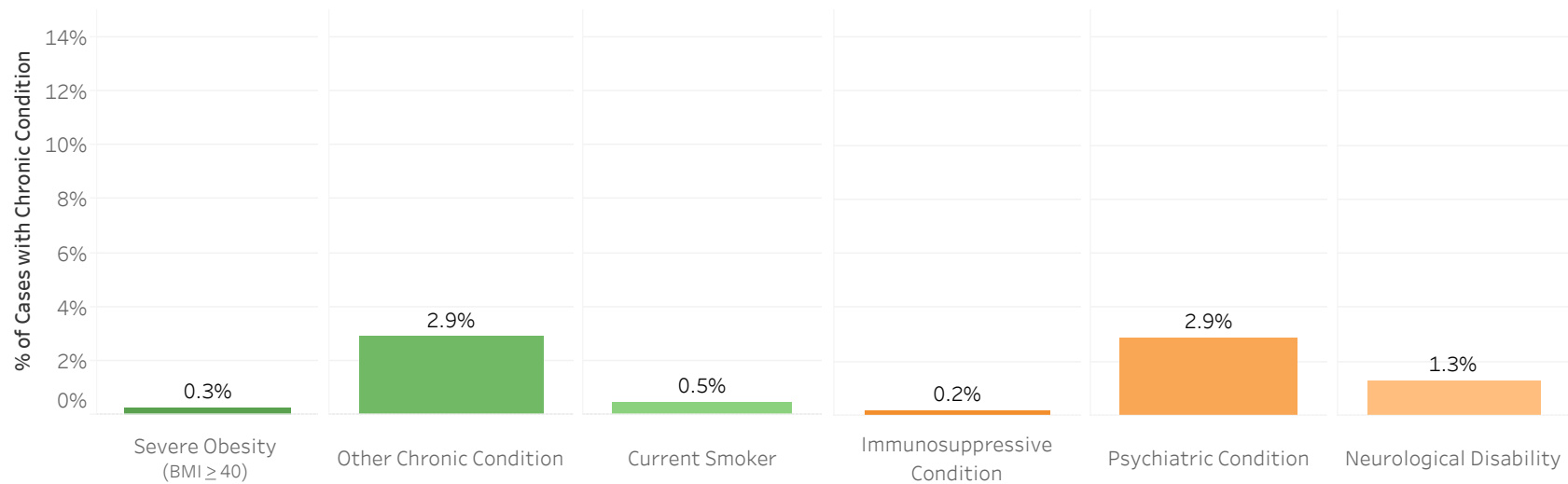
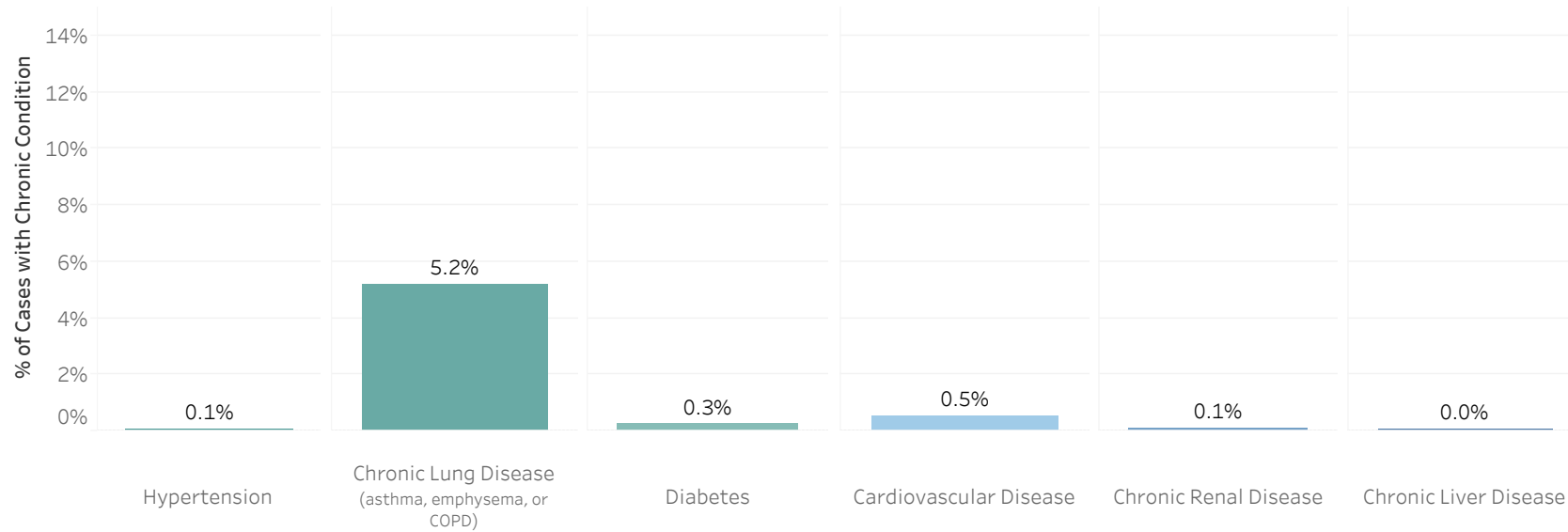
Note: After November 15, 2020, complete case investigations were only done for cases age 18 and under. Therefore, symptom data is incomplete for cases over age 18.

**These data are from the initial case investigation. Cases may have developed symptoms after the case investigation call.

Caption: The trend of % of Count of COVID-19 cases with each symptom for date reported (month).

Percent of **Investigated** Confirmed and Probable COVID-19 Cases ≤ 18 with Selected Chronic Conditions
March 12, 2020 - January 24, 2022

Age Group(s)
☒ 0-9
☒ 10-18
☐ 19+



Source: Maine Center for Disease Control and Prevention NEDSS Base System (NBS)**

**These are preliminary data that are subject to change.

Caption: % of Count of COVID-19 cases for each chronic condition. The marks are labeled by % of Count of COVID-19 cases.